

Appl. No. : 10/502,244  
Filed : January 28, 2005

### REMARKS

In response to the restriction requirement set forth in the communication, Applicant elects Group VIII, a method of identifying molecules that comprise a region that specifically binds to prominin-1. Claims 4-11 are added which correspond to the elected group.

Claim 4 specifies that the binding of prominin-1 to the molecule is by immunoassay. Support is found in the present specification at page 9, line 17.

Claim 5 is directed to embodiments wherein either the prominin-1 or the molecule are immobilized. Support is found on page 9, lines 20-21 of the present specification.

Claim 6 recites the screening method for identifying molecules that inhibit the expression and/or activity of prominin-1. Claim 11 refers to the molecules identified by the claimed method. Support is found in original claim 3 and in the specification at page 8, line 26 to page 10, line 20.

Claims 7-11 are directed to embodiments of the screening method which use a mammalian knock-out model to identify molecules inhibiting prominin-1. Support is found in the Examples of the specification (page 10, line 22 to page 16, line 9). Specifically, generation of a prominin-1 knock out mouse is found in Example 1 at page 10, line 23 to page 11, line 20.

Support for claims 9-10 is found in Example 2 of the present specification, page 11, lines 22-26.

Claims 1-2 are cancelled without prejudice or disclaimer as directed to non-elected subject matter. Applicant reserves the right to file a divisional application.

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**Conclusion**

Should there be any questions concerning this application, the Examiner is invited to contact the undersigned agent at the telephone number appearing below. Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

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Dated: Nov. 17, 2005

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